IP VPN

Design, Concepts, Implementation

Virtual Private Networks (VPNs) make it possible to interconnect company sites via public IP networks and enable mobile users to dial in into their corporate networks. To achieve this aim, there are several VPN concepts which are discussed in this course in detail. A further focus is on making VPNs secure. The course will enable the participants to assess the pros and cons of various types of IP-based VPNs and to perform the design and implementation by themselves.

Course Contents

- Site-to-Site VPNs with IPv4 and IPv6
- GRE and Further Layer 3 Tunnel Protocols
- MPLS VPNs
- Layer 2 Tunnel Protocols for Remote Access VPNs
- Authentication and Authorization
- Voluntary Tunneling and Compulsory Tunneling
- Security in IP VPNs
- Encryption and Data Integrity
- IPsec for Site-to-Site VPNs
- Encapsulating Security Payload (ESP) and Authentication Header (AH)
- IKEv2
- IPsec for Remote Access VPNs
- SSL for Remote Access VPNs

E-Book You will receive the comprehensive documentation package of the ExperTeach Networking series – printed documentation, e-book, and personalized PDF! As online participant, you will receive the e-book and the personalized PDF.

Target Group

The course addresses network administrators and designers who are responsible for the planning and technical implementation of VPNs on the basis of different tunneling technologies in IPv4 and IPv6 networks. Attendance at this course can be credited for T.I.S.P. recertification.

Prerequisites

Profound network know-how, particularly of the TCP/IP protocol stack and the corresponding addressing and routing concepts, is required. These contents are imparted in the TCP/IP - Protocols, Addressing, Routing course.

This Course in the Web

You can find the up-to-date information and options for ordering under the following link: www.experteach-training.com/go/**IPVP**

Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in an non-committal manner. This can also be done by phone under +49 6074/4868-0.

Guaranteed Course Dates

To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

Your Tailor-Made Course!

We can precisely customize this course to your project and the corresponding requirements.

Training		Prices, excl. of V.A.T.
Classes in Germany	**4 Days**	**€ 2,395**
Online Training	**4 Days**	**€ 2,395**
Date/course venue		Course language German
23/09-26/09/24 HY Frankfurt		10/03-13/03/25 HY Frankfurt
23/09-26/09/24 HY Online		10/03-13/03/25 HY Online

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